

## W2 Watershed Runoff Flume 1

Installation of a 4.5-ft H-Flume on a 10-hectare pasture watershed to measure runoff, part of the experimental watershed development in the North Unit Outdoor Hydrologic Laboratory.



1. Clearing stream channel and adjacent area.
2. Stream channel cleared and reshaped.
3. PVC pipe buried to divert stream flow while flume is under construction.
4. Stream was dammed to divert water through PVC pipe.
5. Vinyl sheet-piles installed and forms for approach pad constructed.
6. Dumping rock to create firm base.
7. Installing rebar for base and sidewalls.
8. The approach pad complete. Stainless steel threaded rods were built into the pad for attachment of the flume.
9. Constructing forms for the approach side walls.
10. Forms and rebar for the downstream pad completed.